

SAP BW Course Content :

Module One:

- Enterprise Structure
- Introduction to ERP, SAP, Data Warehouse
- Overview of BW, BI, Data Base.
- Overview of BW Architecture, Landscape

Basic Modeling

- Create a valid Schema
- Multi-Dimensional Model – The Star Schema (Classical Approach)
- Multi-Dimensional Star Schema in BW (Extended star Schema)
- The OLAP Concept and differences between OLAP and OLTP

Business Modeling

- Info Area
- Info Object Catalogs
- Info Objects
- PSA
- Application Component
- Info Source
- Data Source
- Transfer Rules
- Update Rules
- Transfer Structure
- Communication Structure
- Info Package
- Transformation
- Data Transfer Process

Loading Transactional Data into BW info Cube

Loading MD with TD into BW System

BW and BI Comparisons

Master data loading-new(BI) ETL process

Info cube & Types



Standard Info cube and Loading with new ETL Process

Generate Report with BI master and Transaction Data

Manual Uploading of MD like Attributes, Text, Hierarchy

Different Types of Attributes

Transformations, Rule types

Routines:-

- Start Routine
- End Routine
- Expert Routine

DTP (Data Transfer Process)

- Standard DTP
- Error DTP
- Direct Access DTP
- Real time DTP

DSO (Data Store Object)

- Standard DSO
- Write optimized DSO
- Direct update DSO

APD (Analysis Process & Design)

Update Methods

- Full updates
- Initialization
- Delta Updates

Info Providers

- Multi Providers
- Info set
- Virtual Providers

Re-Modeling

Re-Partitioning



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Open-Hub Destination

Data Marts

Info Cube Maintenance

- Aggregates
- Roll-up
- Compression
- Reconstruction

Process Management

- Process Chains, Process Types
- Scheduling
- Monitor (Header, Status, Details)

Reporting:-

Business Explorer:

- BEX Query designer
- BEX Analyzer
- BEX WAD
- BEX Report Designer
- Visual Composer

Functional Overview of Bex Query Designer

Reusable Query Elements

- Query Controls with Variables
- Calculated Key Figures
- Restricted Key Figures
- Formulae
- Structures

Variable Definition in Detail

- Characteristic values variables
- Text Variables
- Formula Variables
- Hierarchy Variable



Analysis Functions

- Conditions
- Exceptions

Reporting Drilldown

- Drilldown to DSO from Info Cube (RRI)
- Copying Queries from Cubes

Bex Analyzer

Bex WAD

Bex Report Designer

Visual Composer

Migration Objects from BW 3.x to BI 7.0

Transportation

Extraction

Generic Data Extraction using MD/TD Tables

COPA Extraction

Business Content Extractions using MD/TD

LO-COCKPIT Data Extraction

Delta types for

- Generic Extraction
- LO Extraction

ASAP methodology



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